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AUTHOR Turley, Kay
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ABSTRACT

Designed to improve the change making skills of the special needs student, this set of activities on coin identification, how to make change, the dollar bill, and figuring change is the final unit of a nine-unit secondary level careers course intended to provide handicapped students with the knowledge and tools necessary to succeed in the world of work. A total of four basic coin identification activities involving the addition of various coins and breaking various coin values and combinations into cents constitutes the first chapter. In the second chapter on making change a total of seven activities require students to perform basic addition, subtraction, and coin conversion operations as they complete sets of simple problems involving small household items and groceries. Chapter 3, which deals with the dollar bill, provides an activity on the various coin combinations equaling one dollar and four sets of problems dealing with grocery purchases. The eight activities supplied in the final chapter provide additional practice on the topics covered in the first three chapters. A posttest concludes this unit. (The other eight course units are available separately--see note.) (MN)

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CAREERS

(A Course of Study)

UNIT IX

CHANGE MAKING

CE 026 292

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UNIT IX: CHANGE MAKING

Objective: Upon completion of the Change Making Unit, the student will have improved his change making skills, as determined by successful comparison of a Pre and Post Test.

CHAPTER 4: More On Money

Activity 1: These Coins Will Total

Activity 2: How Many Coins Are There?

Activity 3: What Are The Totals?

Activity 4: Department Store Purchases

Activity 5: Is My Change Correct?

Activity 6: Figuring Amounts of Change

Activity 7: Your Change Will Be

Activity 8: Cost and Paid Difference

Post-Test

UNIT IX
Note To The Teacher

Dear Teacher,

It is advised that the teacher use real or very realistic simulated money to work with each student in learning change-making. This is a hands on Unit.

HOW MUCH DO YOU KNOW?

1. What are the different kinds of coins that we use in making change? Name them.

2. How many pennies make up one dollar?_____
   How many nickels make up one dollar?_____
   How many dimes make up one dollar?_____
   How many quarters make up one dollar?_____
   How many half-dollars make up one dollar?_____

3. With these totals, make the right change for these items that were bought.
   a) If you were given a $20.00 bill, and the cost of two new skateboard wheels was $13.50. How much change would you give? Show the correct change and tell how many and what kinds of coins you would give.

4. Using real money, the teacher and student should work together to see the ability of change making.

UNIT IX

COIN IDENTIFICATION

CHAPTER 1

COIN IDENTIFICATION

We all need to know how to make change. You can learn to make change, too. This will help you.

We know that a penny is 1¢. We also know that a nickel is 5¢ and that there are 5 pennies in a nickel. A dime is 10¢. There are 2 nickels in a dime and there are ten pennies in a dime.

Another coin that we use is the quarter. A quarter is 25¢. It takes 25 pennies to make a quarter or 5 nickels to make a quarter. 5¢+5¢+5¢+5¢+5¢=25¢.

UNIT IX
CHAPTER 1
Activity 1

COINS: 1¢ to 25¢

Fill in the following blanks:

1. A quarter has _____ cents.
2. There are _____ pennies in a quarter.
3. There are _____ nickels in a quarter.
4. There are _____ nickels in a dime.
5. There are _____ pennies in a dime.
6. There are _____ pennies in a nickel.

COINS: 50¢

Still another coin that we use is the half dollar. It is called a half dollar because it is the same as one half of a dollar bill.

A half dollar is 50¢. There are 2 quarters in a half dollar.

1 quarter = 25¢
\+ 1 quarter = 25¢
2 quarters= 50¢

There are 5 dimes in a half dollar. If we add 5 dimes like this we can see how we would get 50 cents or half a dollar.

1 dime = 10¢
1 dime = 10¢
1 dime = 10¢
1 dime = 10¢
\+ 1 dime = 10¢
5 dimes= 50¢

There are 10 nickels in a half dollar. If we add 10 nickels we can see that 10 nickels add up to 50¢.

There are 50 pennies in a half dollar. One penny is 1 cent, therefore 50 pennies make 50¢.

Now fill in the following blanks:

A half dollar is made up of _____ pennies.

There are _____ quarters in a half dollar.

There are _____ dimes in a half dollar.

There are _____ nickles in a half dollar.

There are _____ pennies in a half dollar.

UNIT IX
CHAPTER 1
Activity 3

ADDING MONEY

For each one:
draw a circle around the one that is more money:

a dime or a quarter

a penny or a dime

a nickel or a quarter

a half dollar or a quarter

a half dollar or a dime

a half dollar or a nickel

CENTS MAKES SENSE

A quarter is _____ cents. (pennies)

A dime is _____ cents. (pennies)

A half dollar is _____ cents. (pennies)

5 nickels make _____ cents. (pennies)

25 pennies make _____ cents.

A nickel is _____ cents. (pennies)

A penny is _____ cents.

2 quarters make _____ cents. (pennies)

5 dimes make _____ cents. (pennies)

10 dimes make _____ cents. (pennies)

Now fill in the following blanks:

How many pennies are there in:

a nickel?_____ a dime?_____ a quarter?_____

a half dollar?_____

How many nickels are there in:

a dime?_____ a quarter?_____

a half dollar?_____

How many dimes are there in a half dollar?_____

How many quarters are there in a half dollar?_____

UNIT IX

HOW TO MAKE CHANGE

CHAPTER 2

HOW TO MAKE CHANGE

It is important that you know how to make change. Here is one way to do it:

1) Always start counting your change <u>from</u> the cost of what you are buying. If the item you are buying costs a nickel, start counting your change from 5¢. If the item costs a quarter start counting your change from 25¢.

Let us say you are buying some candy for 5¢. You give the clerk a quarter. Where would you start counting the change from?_____ The cost of the candy was 5¢. So you would start counting your change from 5¢.

2) Count out change until you get to the amount or money you gave the clerk. If you buy some candy for a nickel, and you give the man a quarter, you would start counting your change from 5¢. You would count up to 25¢ because that is what you gave the clerk.

Here is one way you could do it. That's 5¢ for the candy and 10¢ more to make 15¢. 15¢ and a dime make 25¢ which is what was given to the clerk.

MAKING CHANGE

This is how you make change: Start counting from the cost of what you buy. Add to this until you get the amount you gave the man in the store.

Cost		Added to Cost		Amount you gave man
15¢	+	10	=	25¢

Now fill in the following blanks with the right amounts of change.

12¢ + _____ = 25¢	6¢ + _____ = 10¢	2¢ + _____ = 5¢
5¢ + _____ = 10¢	2¢ + _____ = 5¢	1¢ + _____ = 5¢
4¢ + _____ = 10¢	1¢ + _____ = 10¢	11¢ + _____ = 10¢
3¢ + _____ = 10¢	11¢ + _____ = 20¢	3¢ + _____ = 10¢
14¢ + _____ = 25¢	19¢ + _____ = 25¢	8¢ + _____ = 25¢
5¢ + _____ = 25¢	9¢ + _____ = 25¢	9¢ + _____ = 25¢
35¢ + _____ = 50¢	26¢ + _____ = 50¢	33¢ + _____ = 50¢
31¢ + _____ = 50¢	38¢ + _____ = 50¢	22¢ + _____ = 50¢

NICKELS, DIMES AND QUARTERS

Now fill if the following blanks with the right number.

1 nickel = _____ cents

2 nickels= _____ cents

3 nickels=_____ cents

1 dime = _____ cents

2 dimes and 1 nickel = _____¢

5 nickels = _____¢

1 quarter =_____ cents

2 quarters = ____ cents

3 quarters = ____ cents

2 dimes = _____cents

1 nickel and 2 dimes =_____

5 dimes =_____cents

1 half dollar = _____

50 pennies = _____

3 dimes =_____

1 nickel and 2 dimes = _____

2 quarters = _____

UNIT IX
CHAPTER 2
Activity 3

MORE CHANGE MAKING

You are a clerk in a store and will have to make change.

Column A - is the amount of purchase

Column B - is the amount the customer gives you to pay for the purchase

Column C - is the amount of change you would return to the customer

"A"	"B"	"C"			
Amount of Purchase	Customer Gives You	Amount of change you would return to the customer would be:			
		Pennies	Nickels	Dimes	Total
17¢	25¢	3	1		
3¢	10¢	2	1		
3¢	10¢				
2¢	10¢				
7¢	10¢				
2¢	5¢				
9¢	15¢				
1¢	5¢				
1¢	10¢				
7¢	20¢				
11¢	25¢				
13¢	25¢				
12¢	25¢				
18¢	25¢				
4¢	25¢				
32¢	40¢				
20¢	50¢				
15¢	50¢				
22¢	50¢				
6¢	25¢				

UNIT IX
CHAPTER 2
Activity 4

YOU ARE A CLERK

Let's say that you work in a store. You have to make change. Write down what change you would make for each of these.

1) Someone gives you a dime and asks for change. What would you give them?_____

_____

2) Someone gives you a half dollar and asks for change. What change would you give them?_____

_____

3) Someone buys something for a nickel and gives you a dime. What change would you give them?_____

_____

4) Someone buys something for fifteen cents and gives you a quarter. What change would you give them?_____

_____

5) Someone buys something for thirty cents and gives you a half dollar. What change would you give them?_____

_____

HOW IT'S DONE

Don't forget that when you count your change in a store, you always start from the cost of what you are buying. Then, add on the money that the clerk gives you in change. Your sum should equal the amount of money you gave the clerk for you purchase. Here is another example:

You buy donuts for 39¢. You give the clerk a dollar. She gives you change of a penny, a dime, and a half-dollar, saying:

39¢ for the donuts
and 1¢ makes 40¢
and 10¢ makes 50¢
and 50¢ makes $1.00

What other coins could the clerk have given you as your change? (Fill in the blanks.)

1. _1_ penny, _2_ nickels, and _1_ half-dollar
2. ___ penny, ___ dime, and ___ quarters
3. ___ penny, ___ nickels, and ___ dimes
4. ___ penny, ___ nickel, ___ dimes, and ___ quarter
5. ___ penny and ___ dimes

People who work with money must be able to count change in their head. Here is another way to make change in a store.

You buy a magazine for 64¢. You give the clerk $1.00. He gives you change of a penny, a dime, and a quarter, saying:

64¢ for the pen
and 1¢ makes 65¢
and 10¢ makes 75¢
and 25¢ makes $1.00

What other coins could the clerk give you as your change?

UNIT IX
CHAPTER 2
Activity 6

FIGURING YOUR CHANGE - NUMBER 1

In these exercises, you are to figure your change for things you are buying in a grocery store. Fill in the blanks with the coins you should get in change.

1. You are buying soup.

Cost: 28¢

Paid: 50¢

Soup	costs 28¢
and 1 penny	makes 29¢
and 1 penny	makes 30¢
and 1 dime	makes 40¢
and 1 dime	makes 50¢

2. You are buying soap.

Cost: 37¢

Paid: 50¢

Soap	costs 37¢
and 1 penny	makes 38¢
and _____	makes 39¢
and 1 penny	makes 40¢
and _____	makes 50¢

3. You are buying salt

Cost: 19¢

Paid $1.00

Salt	costs 19¢
and _____	makes 20¢
and 1 nickel	makes 25¢
and _____	makes 50¢
and _____	makes $1.00

4. You are buying pickles

Cost: 72¢

Paid: $1.00

Pickles	costs 72¢
and _____	makes 73¢
and _____	makes 74¢
and 1 penny	makes 75¢
and _____	makes $1.00

5. You are buying jello

Costs: 39¢

Paid: $1.00

jello	costs 39¢
and _____	makes 40¢
and _____	makes 50¢
and _____	makes $1.00

6. You are buying bread

Costs: 64¢

Paid: $1.00

bread	costs 64¢
and _____	makes 65¢
and _____	makes 75¢
and _____	makes $1.00

In these exercises, you are to figure your change for things you are buying in a drugstore. Fill in the blanks to show the correct change.

1. You are buying a aspirin.

Cost: 43¢

Paid 50¢

Aspirin	costs	43¢
and 1 penny	makes	44¢
and 1 penny	makes	45¢
and 1 penny	makes	50¢

2. You are buying toothpaste

Costs: 93¢

Paid: $1.00

toothpaste		93¢
and 1 penny	makes	_____
and _____	makes	_____
and _____	makes	$1.00

3. You are buying hairspray

Cost: $1.09

Paid: $1.25

hairspray	costs	$1.09
and _____	makes	$1.10
and _____	makes	_____
and _____	makes	$1.25

4. You are buying nail polish

Cost: $1.14

Paid: $1.50

nail polish	costs	$1.14
and _____	makes	_____
and _____	makes	_____
and _____	makes	$1.50

5. You are buying a coke

Cost: 40¢

Paid: $5.00

coke	costs	40¢
and 1 dime	makes	_____
and _____	makes	$1.00
and _____	makes	$2.00
and 1 dollar	makes	_____
and _____	makes	_____
and _____	makes	$5.00

6. You are buying Paper towels

Costs: 89¢

Paid: $5.00

Paper towels	costs	89¢
and _____	makes	_____
and _____	makes	$1.00
and _____	makes	_____
and _____	makes	_____
and _____	makes	_____
and _____	makes	$5.00

UNIT IX
CHAPTER 2
Activity 7

FIGURING YOUR CHANGE - NUMBER 2

Figure your change for these purchases you are making in a supermarket. Fill in the blanks to show the correct change.

1. You pay $1.00 for soda that cost $ .29.

$ .29

+ 1 penny =$ .30

+ 1 dime =$ .40

+ 1 dime =$ .50

+ 1 half-dollar =$1.00

2. You pay $2.00 for one pound of steak that costs $1.68.

$1.68

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $2.00

3. You pay $5.00 for apple that costs $ .25.

$ .25

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ =$5.00

4. You pay $5.00 for milk that cost $ .80.

$ .80

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $5.00

5. You pay $4.00 for a broom that costs $3.39.

$3.39

+ _____ = _____

+ _____ = _____

+ _____ =$4.00

6. You pay $1.00 for catsup that cost $ .55.

$ .55

+ _____ = _____

+ _____ = _____

+ _____ = $1.00

7. You pay $10.00 for a chicken that costs $2.74.

$2.74

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $10.00

8. You pay $10.00 for salad oil that costs $3.15.

$3.15

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $10.00

9. You pay $20.00 for groceries that cost $19.09

$19.09

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $20.00

10. You pay $10.00 for groceries that cost $6.89.

$ 6.89

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $10.00

11. You pay $60.00 for groceries that cost $54.29.

$54.29

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $60.00

12. You pay $45.00 for groceries that cost $43.83.

$43.83

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $45.00

13. You pay $12.00 for groceries that cost $11.27.

$11.27

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $12.00

14. You pay $15.00 for groceries that cost $13.53.

$13.53

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $15.00

15. You pay $30.00 for groceries that cost $22.60.

$22.60

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ $30.00

16. You pay $5.00 for groceries that cost $1.79.

$1.79

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $5.00

13. You pay $12.00 for groceries that cost $11.27.

$11.27

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $12.00

14. You pay $15.00 for groceries that cost $13.53.

$13.53

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $15.00

15. You pay $30.00 for groceries that cost $22.60.

$22.60

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ $30.00

16. You pay $5.00 for groceries that cost $1.79.

$1.79

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = _____

+ _____ = $5.00

UNIT IX

THE DOLLAR BILL

CHAPTER 3

THE DOLLAR BILL

You all know what a dollar bill looks like! The coins we have been talking about are all parts of a dollar. A half dollar is the same as one half of a dollar bill. When you have 2 half dollars it is the same as having a dollar. A quarter is ¼ of a dollar. If you have 4 quarters you have the same amount of money as a dollar bill. A dollar is 100 cents so it takes 100 pennies to make a dollar. Here is a chart that will help you.

100 pennies = 1 dollar
20 nickels = 1 dollar
10 dimes = 1 dollar
4 quarters = 1 dollar
2 half dollars= 1 dollar

WHAT ADDS UP TO A DOLLAR?

How many quarters are there in a dollar?_____

How many dimes are there in a dollar?_____

How many half dollars are there in a dollar?_____

How many nickels are there in a dollar?_____

How many quarters are there in half a dollar?_____

How many pennies are there in a dollar?_____

Now add these and fill in the following blanks:

50¢ + 50¢ =_____ 25¢ + 25¢ = _____

50¢ + 25¢ =_____ 50¢ + 10¢ = _____

25¢ + 25¢ + 25¢ = _____ 90¢ + 10¢ = _____

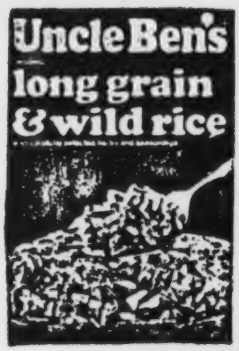
10¢ + 10¢ + 10¢ + 10¢ + 10¢ = _____

50¢ + 25¢ = _____

UNIT IX
CHAPTER 3
Activity 2

FIGURE THE CHANGE

$ 3.45



$ .77

$ .55

$ 1.42

$1.09

$ .30

$ .11

$ .89

$ 1.17

$ .46

Instructions: Find the total cost of the items. Then figure what the change will be if you give the clerk a $5.00 bill. You do this by subtracting the total cost from $5.00.

EXAMPLE:

Item	Cost
Cigarettes	$ .55
Deodorant	1.17
Soap	1.42
Total cost	$3.14
Change	$1.86

From the pictures on the page before, find the cost of items named and put them on the blank lines. Total all the items in the problem and then figure what your change will be if you give the clerk a $5.00 bill. Don't forget to do the subtraction.

1. Coffee $_____
   Liquid soap _____
   Total cost $_____
   Change $_____

2. Toilet paper $_____
   Dishwasher soap _____
   Total cost $_____
   Change $_____

3. Rice $_____
   Bar Soap _____
   Kool Aid _____
   Total cost $_____
   Change $_____

4. Deodorant $_____
   Cigarettes _____
   Bar Soap _____
   Total cost $_____
   Change $_____

5. Rice $_____
   Liquid soap _____
   Bar soap _____
   Total cost $_____
   Change $_____

6. Coffee $_____
   Kool Aid _____
   Bar Soap _____
   Total cost $_____
   Change $_____

7. Soap $_____
   Kool Aid _____
   Cigarettes _____
   Total cost $_____
   Change $_____

8. Liquid Soap $_____
   Bar Soap _____
   Soap _____
   Total cost $_____
   Change _____

9. Dishwasher soap $_____
   Deodorant _____
   Toilet paper _____
   Rice _____
   Total cost $_____
   Change $_____

10. Kool Aid $_____
    Liquid soap _____
    Cigarettes _____
    Soap _____
    Total cost $_____
    Change $_____

11. Soap $_____
    Toilet paper _____
    Dishwasher soap _____
    Total Cost $_____
    Change $_____

CHANGE FROM A $10.00 BILL

Items	Cost	Items	Costs
Coffee	$ 3.45	Soap	$ 1.42
Bar Soap	$ .30	Rice	$ .77
Deodorant	$ 1.17	Toilet Paper	$ .46
Dishwasher Soap	$ 1.09	Liquid Soap	$ .89
Cigarettes	$ .55	Kool-Aid	$ .11

Instructions: Using the cost of the items listed above fill in the blanks with the correct price. Then add the item's cost to get the total cost. Subtract this TOTAL cost from $10.00 to find the correct amount of change. Circle the correct answer.

Example:

Your Purchase	Cost	Your Change from $10.00
Toilet paper	$ .46	a. $ 4.33
Coffee	$3.45	b. $ 4.67
Soap	$1.42	c. $ 5.30
Total cost	$5.33	d. $ 5.23

Your Purchase	Cost	Your change from $10.00
Cigarettes	$_____	a. $ 6.15
Deodorant	$_____	b. $ 7.08
Dishwasher Soap	$_____	c. $ 6.57
Kool-Aid	$_____	d. $ 7.12
Total cost	$_____	

Your Purchase	Cost	Your change from $10.00
2. Liquid soap	$_____	a. $ 6.30
Bar Soap	$_____	b. $ 6.50
Soap	$_____	c. $ 5.77
Dishwasher soap	$_____	d. $ 6.25
Total Cost	$_____	
3. Kool-Aid	$_____	a. $ 7.31
Cigarettes	$_____	b. $ 6.75
Soap	$_____	c. $ 6.39
Deodorant	$_____	d. $ 7.11
Total cost	$_____	
4. Liquid soap	$_____	a. $ 6.99
Bar Soap	$_____	b. $ 7.25
Rice	$_____	c. $ 7.58
Toilet paper	$_____	d. $ 7.89
Total Cost	$_____	
5. Coffee	$_____	a. $ 5.86
Cigarettes	$_____	b. $ 4.14
Dishwasher soap	$_____	c. $ 5.23
Rice	$_____	d. $ 4.79
Total Cost	$_____	

MORE FIGURING

Using the price list from Activity 3, determine the total cost of you order, and subtract that cost to figure out what your change will be. Subtract your total cost from $10.00.

Item	Cost
Soap	$_____
Deodorant	_____
Rice	_____
Total cost	
My Change is	$_____

Item	Cost
Dishwasher soap	$_____
Deodorant	_____
Soap	_____
Total cost	$_____
My change is	$_____

Coffee	$_____
Soap	_____
Deodorant	_____
Total cost	$_____
My Change is	$_____

Coffee	$_____
Rice	_____
Cigarettes	_____
Total cost	$_____
My change is	$_____

Kool-Aid	$_____
Bar Soap	$_____
Toilet paper	_____
Rice	_____
Total Cost	$_____
My change is	$_____

Coffee	$_____
Soap	_____
Liquid soap	_____
Toilet paper	_____
Kool-Aid	_____
Total cost	$_____
My change is	$_____

UNIT IX
CHAPTER 3
Activity 5

HOW MUCH IS YOUR CHANGE

1. Figure out what your change will be.
2. Figure out what coins you will receive.

Sample= You give the clerk $ 20.00

The groceries cost 19.09

Your change is $ .91

$ ____ = 1 Half-dollar 1 quarters 1 dimes 1 nickels 1 pennies

You give the clerk $ 10.00

The groceries cost 6.89

Your change is $ ____

$ ____ = ____ Half-dollar ____ quarters ____ dimes ____ nickels ____ pennies

You give the clerk $ 60.00

The groceries cost ____

Your change is $ ____

$ ____ = ____ Half-dollar ____ quarters ____ dimes ____ nickels ____ pennies

You give the clerk $ 45.00

The groceries cost 43.83

Your change is $ ____

$ ____ = ____ Half-dollar ____ quarters ____ dimes ____ nickels ____ pennies

You give the clerk $ 12.00

The groceries cost 11.27

$ ____ = ____ Half-dollar ____ quarters ____ dimes ____ nickels ____ pennies

You give the clerk $15.00

The groceries 13.53

Your change is $____

$____ = ____ Half-dollar ____ quarters ____ dimes ____ nickels ____ pennies

You give the clerk $30.00

The groceries cost 22.60

Your change is $____

$____ = ____ Half-dollar ____ quarters ____ dimes ____ nickels ____ pennies

You give the clerk $ 5.00

The groceries cost 1.79

Your change is $____

$____ = ____ Half-dollar ____ quarters ____ dimes ____ nickels ____ pennies

UNIT IX

MORE ON MONEY

CHAPTER 4

THESE COINS WILL TOTAL

Add the amounts or money as shown below: Sample: First problem

1. 2 nickels and 2 pennies = 12¢
2. 2 nickels and 4 pennies + _____
3. 1 dime, 1 nickel, and 7 pennies = _____
4. 2 dimes and 4 pennies = _____
5. 5 dimes, 4 nickels, and 7 pennies = _____
6. 1 quarter, 1 dime, and 1 penny = _____
7. 1 quarter, 1 nickel, and 3 pennies = _____
8. 2 quarters and 2 nickels = _____
9. 2 quarters, 3 dimes, and 2 nickels = _____
10. 2 quarters and 4 nickels = _____
11. 1 quarter, 3 nickels, and 21 pennies = _____
12. 1 half-dollar, 1 quarter and 2 pennies = _____
13. 1 half-dollar, 1 nickel, and 4 pennies = _____
14. 3 quarters and 2 dimes = _____
15. 1 half-dollar, 4 dimes, and 2 nickels = _____
16. 1 half-dollar and 3 quarters = _____
17. 1 dollar and 3 quarters, and 2 dimes = _____
18. 1 dollar, 2 half-dollars, and 3 dimes = _____
19. 3 half-dollars and 5 nickels, and 2 pennies = _____
20. 1 dollar, 1 half-dollar, 1 quarter, 1 dime, and 3 nickels = _____

HOW MANY COINS ARE THERE?

Sample: 1. 1 dime = 10 pennies

2. 1 nickel = _____ pennies
3. 14¢ = _____ dime and _____ pennies
4. 2 dimes = _____ nickels
5. 12¢ = _____dime and _____ pennies
6. 11¢ = _____ dime and _____ penny
7. 8¢ = _____nickel and _____ pennies
8. 7¢ = _____ nickel and _____ pennies
9. 9¢ = _____ nickel and _____ pennies
10. 16¢ = _____ dime, _____ nickel, and _____ penny
11. 19¢ = _____ dime, _____ nickel, and _____ pennies
12. 36¢ = _____ dimes, _____nickel, and _____ penny
13. 24¢ = _____ dimes and _____ pennies
14. 31¢ = _____ dimes and _____ penny
15. 18¢ = _____ dime, _____ nickel, and _____ pennies
16. 35¢ = _____ dimes and _____ nickel
17. 1 quarter = _____dime, _____ nickel, and _____ pennies
18. 30¢ = _____ quarter and _____ nickel
19. 29¢ = _____ quarter and _____ pennies
20. 45¢ = _____ quarter and _____ dimes

WHAT ARE THE TOTALS?

Directions: Add up the coins in each problem and write in the total on the blank lines. The first problem is done for you.

1 quarter, 1 dime, 1 nickel, and 3 pennies = 43¢

1 quarter, 1 dime, and 1 nickel = _____

1 half-dollar = _____

50 pennies = _____

5 dimes = _____

10 nickels = _____

2 quarters = _____

1 half-dollar and 1 dime = _____

1 half-dollar, 1 dime, 1 nickel, and 1 penny = _____

1 half-dollar, 1 nickel, 4 pennies = _____

1 half-dollar, 2 dimes, and 3 pennies = _____

2 quarters and 3 nickels = _____

1 half-dollar, 1 quarter, and 1 penny = _____

1 half-dollar, 1 quarter, and 2 nickels = _____

1 half-dollar, 1 quarter, and 2 dimes = _____

100 pennies = _____

4 quarters = _____

20 nickels = _____

1 half-dollar and 2 quarters = _____

10 dimes = _____

3 quarters, 2 dimes, and 1 nickel = _____

DEPARTMENT STORE PURCHASES

Figuring out your change for the following purchases that you make in a department store. Figure the change and the amounts of money to be given in change as shown in the example below.

You pay $30.00 for a radio that costs $23.40.

You give the clerk	$30.00
The radio costs	23.40
Your change is	$ 6.60

$6.60 = 1 five dollar bill + 1 one dollar bill + 1 half-dollar + ____ quarter + 1 dime + ____ nickel + ____ penny

Do the following activity as shown above.

1. You pay $3.00 for a notebook that costs $2.19.

You give the clerk	$ 3.00
The notebook costs	2.19
Your change is	$_____

$_____ = ____ five dollar bill + ____ one dollar bill + ____ half-dollar + ____ quarter + ____ dime + ____ nickel + ____ penny

2. You pay $20.00 for work supplies that cost $2.25.

You give the clerk	$20.00
The work supplies costs	2.25
Your change is	$_____

$_____ = ____ five dollar bill + ____ one dollar bill + ____ half-dollar + ____ quarter + ____ dime + ____ nickel + ____ penny

3. You pay $5.00 for a cooking pan that costs $1.98.

You give the clerk $ 5.00

The cooking pan costs 1.98

Your change is $ ____

$_____=_____five dollar bill + _____one dollar bill + ____half-dollar + _____quarter +_____dime + _____nickel + _____penny

4. You pay $5.00 for raquet balls that cost $3.69.

You give the clerk $ 5.00

The raquet balls cost 3.39

Your change is $ ____

$_____=_____five dollar bill + _____one dollar bill + ____half-dollar + _____quarter +_____dime +_____nickel + _____penny

5. You pay $5.00 for a wallet that costs $3.15

You give the clerk $ 5.00

The wallet costs 3.15

Your change is $ ____

$_____=_____five dollar bill + _____one dollar bill + _____Half-dollar + _____quarter + _____dime + _____nickel + _____penny

6. You pay $1.50 for a poster that cost $1.14.

You give the clerk $ 1.50

The a poster costs 1.14

Your change is $ ____

$_____=_____five dollar bill + _____one dollar bill + _____half-dollar + _____quarter + _____dime + _____nickel + _____penny

7. You pay $1.25 for breakfast that costs $1.19.

You give the clerk $ 1.25

Your breakfast costs 1.19

Your change is $ ____

$_____=_____five dollar bill + _____one dollar bill + _____half dollar

+_____quarter + _____dime + _____nickel + _____penny

8. You pay $10.00 for some mirror that costs $4.41.

You give the clerk $10.00

The mirror costs 4.41

Your change is $ ____

$_____=_____five dollar bill + _____one dollar bill + _____half-dollar

+_____quarter + _____dime + _____nickel + _____penny

9. You pay $2.00 for socks that cost $1.20

You give the clerk $ 2.00

The socks cost 1.26

Your change is $ ____

$_____=_____five dollar bill + _____one dollar bill + _____half-dollar

+_____quarter + _____dime + _____nickel + _____penny

10. You pay $50.00 for a camera that costs $40.15.

You give the clerk $50.00

The camera costs 40.15

Your change is $_____

$_____=_____five dollar bill + _____one dollar bill + _____half-dollar

+_____quarter + _____dime + _____nickel + _____penny

11. You pay $10.00 for the houseplant that costs $6.37.

You give the clerk $10.00

The houseplant 6.37

Your change is $ ____

$_____=_____five dollar bill + _____one dollar bill + ____half-dollar
+_____quarter + _____dime + _____nickel + _____penny

12. You pay $5.00 for a belt that costs $3.88.

You give the clerk $ 5.00

The belt costs ____

Your change is $ _____

$_____=_____five dollar bill + _____one dollar bill + ____half-dollar
+_____quarter + _____dime + _____nickel + _____penny

13. You pay $10.00 for towels that cost $9.14

You give the clerk $10.00

The towel cost 9.14

Your change is $_____

$_____=_____five dollar bill + _____one dollar bill + ____half-dollar
+_____quarter + _____dime + _____nickel + _____penny

14. You pay $25.00 for a skateboard that costs $22.59.

You give the clerk $25.00

The skateboard costs 22.59

Your change is $_____

$_____=_____five dollar bill + _____one dollar bill + ____half-dollar
+_____quarter + _____dime + _____nickel + _____penny

15. You pay $15.00 for pants that cost $11.39.

You give the clerk $15.00

The pants cost 11.39

Your change is $_____

$_____=_____five dollar bill + _____one dollar bill + ____half-dollar

+_____quarter + _____dime + _____ nickel + _____penny

UNIT IX
CHAPTER 4
Activity 5

IS MY CHANGE CORRECT?

First column (price) shows how much you are paying for an item. The second column show what you are paying with. The third column shows the change you are getting. If the amount of change is correct, write YES, in the blank. If the amount of change is not correct, write NO, in the blank. If the answer is NO, write the correct change in column four. The first one has been done for you.

PRICE	PAY WITH	CHANGE	IS THE CHANGE CORRECT	WHAT IS THE CORRECT CHANGE
64¢	1 half-dollar, 1 quarter	20¢	no	11¢
50¢	6 dimes	10¢		
40¢	1 quarter, 1 dime, 1 nickel	5¢		
23¢	2 nickels, 1 dime, 3 pennies	2¢		
37¢	2 quarters	13¢		
65¢	1 half-dollar, 3 nickels	0¢		
13¢	1 dime, 1 nickel	4¢		
41¢	3 nickels, 3 dimes	11¢		
84¢	1 half-dollar, 1 quarter, 1 dime	1¢		
78¢	2 quarters, 1 half-dollar	22¢		
1.92	1 dollar, 4 quarters	25¢		
2.29	4 half-dollars, 2 quarters	25¢		
4.59	5 dollars	41¢		
3.75	2 dollars, 5 half-dollars	75¢		
5.02	4 dollars, 4 quarters, 1 dime	8¢		

Do these problems the same way. Write YES in the column if the change is correct; write NO if the change in not correct. Figure the correct answer and write it in the blank.

1. Pay $1.oo for an item that costs 38¢. Change 60¢ NO 62¢
2. Pay 50¢ for an item that costs 42¢. Change 4¢ _____
3. Pay $1.00 for an item that costs 63¢. Change 33¢ _____
4. Pay $5.00 for an item that costs $1.14. Change 3.86 _____
5. Pay $5.00 for an item that costs 53¢. Change $4.37 _____
6. Pay $2.50 for an item that costs $1.14. Change 33¢ _____
7. Pay $1.00 for an item that costs 18¢. Change 82¢ _____
8. Pay $5.00 for an item that costs $3.39. Change $1.11 _____
9. Pay $2.00 for an item that costs $1.89. Change 10¢ _____
10. Pay $5.00 for an item that costs $4.71. Change 34¢ _____
11. Pay $4.00 for an item that costs $3.21. Change 89¢ _____

12. Pay $10.00 for an item that costs $5.45. Change $4.45 _____

13. Pay $10.00 for an item that costs $2.98. Change $7.08 _____

14. Pay $20.00 for an item that costs $7.36. Change $13.64 _____

15. Pay $7.00 for an item that costs $6.12. Change 78¢ _____

16. Pay $5.00 for an item that costs 23¢. Change $4.77 _____

17. Pay $20.00 for an item that costs $5.00. Change $14.00 _____

18. Pay $15.00 for an item that costs $11.88. Change $2.22 _____

19. Pay $10.00 for an item that costs $9.17. Change 83¢ _____

20. Pay $50.00 for an item that costs $48.55. Change $2.35 _____

FIGURING AMOUNTS OF CHANGE

Put the amounts of money you will receive as change, in the blanks. See example number 1.

	COST	PAID	CHANGE
1.	6¢	10¢	4¢
2.	26¢	50¢	_____
3.	59¢	$1.00	_____
4.	55¢	$1.00	_____
5.	61¢	75¢	_____
6.	23¢	50¢	_____
7.	71¢	75¢	_____
8.	45¢	$1.00	_____
9.	50¢	50¢	_____
10.	15¢	25¢	_____
11.	12¢	25¢	_____
12.	1¢	10¢	_____
13.	24¢	50¢	_____
14.	66¢	$1.00	_____
15.	58¢	75¢	_____
16.	32¢	50¢	_____
17.	47¢	50¢	_____
18.	56¢	75¢	_____
19.	71¢	$1.00	_____
20.	84¢	$1.00	_____

UNIT IX
CHAPTER 4
Activity 7

YOUR CHANGE WILL BE...

Figure out how much money you will get in change. Write your answers in the blanks using numbers. Example: number 1.

		CHANGE
1.	89¢ out of $1.00.	= 11¢
2.	48¢ out of 50¢.	=
3.	64¢ out of a two dollar bill.	=
4.	60¢ out of $1.00.	=
5.	78¢ out of 85¢.	=
6.	23¢ out of $1.00.	=
7.	55¢ out of 75¢.	=
8.	33¢ out of 50¢.	=
9.	41¢ out of 50¢.	=
10.	16¢ out of 50¢.	=
11.	14¢ out of 25¢.	=
12.	18¢ out of 25¢.	=
13.	33¢ out of 50¢.	=
14.	27¢ out of 50¢.	=
15.	2¢ out of 10¢.	=
16.	2¢ out of 25¢.	=
17.	13¢ out of 50¢.	=
18.	3¢ out of 50¢.	=
19.	37¢ out of 50¢.	=
20.	8¢ out of 25¢.	=
21.	16¢ out of 25¢.	=
22.	$3.00 out of $5.00.	=
23.	69¢ out of $1.00.	=
24.	$7.00 out of $10.00.	=
25.	37¢ out of 50¢.	=

COST AND PAID DIFFERENCE

The teacher will give you the amounts to fill in the "COST" and "PAID" columns. You fill in the numbers of each coin or bill that you will get in change.

(Suggestion for teacher: The teacher could prepare several "COST" "PAID" strips in advance to be used as practice at the teacher or students discretion.)

Name_____

	COST	PAID	penny	nickel	dime	quarter	half-dollar	dollar
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10								
11.								
12.								
13.								
14.								
15.								
16.								
17.								
18.								
19.								
20.								

UNIT IX
Post-Test

HOW MUCH DID YOU LEARN?

1. What are the different kinds of coins that we use in making change? Name them.

2. How many pennies make up one dollar?_____
   How many nickels make up one dollar?_____
   How many dimes make up one dollar?_____
   How many quarters make up one dollar?_____
   How many half-dollars make up one dollar?_____

3. With these totals, make the right change for these items that were bought.
   a) If you were given a $20.00 bill, and the cost of two new skateboard wheels was $13.50. How much change would you give? Show the correct change and tell how many and what kinds of coins you would give.

4. Using real money, the teacher and student should work together to see the ability of change making.